Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 04 Apr 2023 until 23:59 on Wednesday 05 Apr 2023

Forecast Issued on Monday 03 Apr 2023 at 13:32

Confidence: High for initially fine and settled weather and for the transition through Wednesday to cloudier, wetter weather. Lower confidence in the timing of rain clearing through Thursday.

Headline for Tuesday 04 Apr 2023: Cold and frosty start. Plenty of sunshine, though turning hazy in the afternoon.

Mountain weather hazards on Tuesday 04 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 04 Apr 2023

Weather: Widespread frost across the Dales to start, clearing to leave a bright and sunny morning. A few isolated patches of mist and valley fog are possible in the hours around dawn. Otherwise, skies will be largely clear until the afternoon. High cloud will spill eastward through the afternoon and evening, gradually thickening and turning sunshine increasingly hazy.

Chance of cloud-free hill tops above 600m: 95% or more throughout.

Low Cloud and visibility: Chance of some early patches of mist or shallow fog in the valleys, this clearing shortly after dawn and is not expected to affect summits. Generally very good visibility with excellent views of distant hills. Any cloud bases will remain well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 04 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/17 SE	9/18 S	10/18 S	10/15 S	10/15 S	11/17 SW	8/13 SW	9/15 SW	9/15 SW
300	4/13 S	3/10 SE	4/11 SE	7/11 S	7/14 S	9/16 SW	4/10 SW	4/12 SW	3/11 SW
Valley	6/14 E	4/13 SE	5/8 E	5/10 S	7/13 SW	8/14 SW	2/8 SW	1/6 S	2/10 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	1/-3	1/-4	3/-1	5/2	6/3	5/2	3/-0	3/-1
300	1/-0	1/-1	-0/-3	5/3	8/6	10/8	7/6	5/3	4/2
Valley	4/1	3/1	2/-0	6/5	10/8	11/9	8/8	5/4	4/3
Freezing Level*	1000m	800m	400m	600m	800m	900m	1000m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite the sunshine, it will feel rather cold on the summits, with winds in the morning adding to wind chill on the highest peaks. Extra layers would be advisable if spending any length of time walking or hiking at height. Strong sunshine with moderate UV levels in the afternoon, so some additional sun protection may be required.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 03 Apr 2023	1.2mm	1.4mm	1.6mm

Forecast for Wednesday 05 Apr 2023

Weather: Bright spells to start, mainly in the east of the park. Turning dull as cloud thickens and lowers through the morning with outbreaks of rain and drizzle, patchy at first. Rain will become widespread and more persistent during the afternoon, with a chance of heavier bursts at times.

Maximum wind: South-westerly 15-20mph, gusting 25-30mph initially.

Chance of cloud-free hill tops above 600m: 80% at first, lowering to 30% by late-morning, particularly across western slopes.

Low Cloud and visibility: Cloud bases will be well above summits at first, lowering through the morning to around 300-400m, perhaps as low as 200m across western upslopes, and in persistent rain later. Visibility good or very good initially but becoming moderate to poor in rain and drizzle.

Temperature: **Valleys:** Plus 5 Celsius, rising Plus 10 Celsius
At 600m: Plus 2 Celsius, rising Plus 6 Celsius
Freezing level: Above the summits.

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